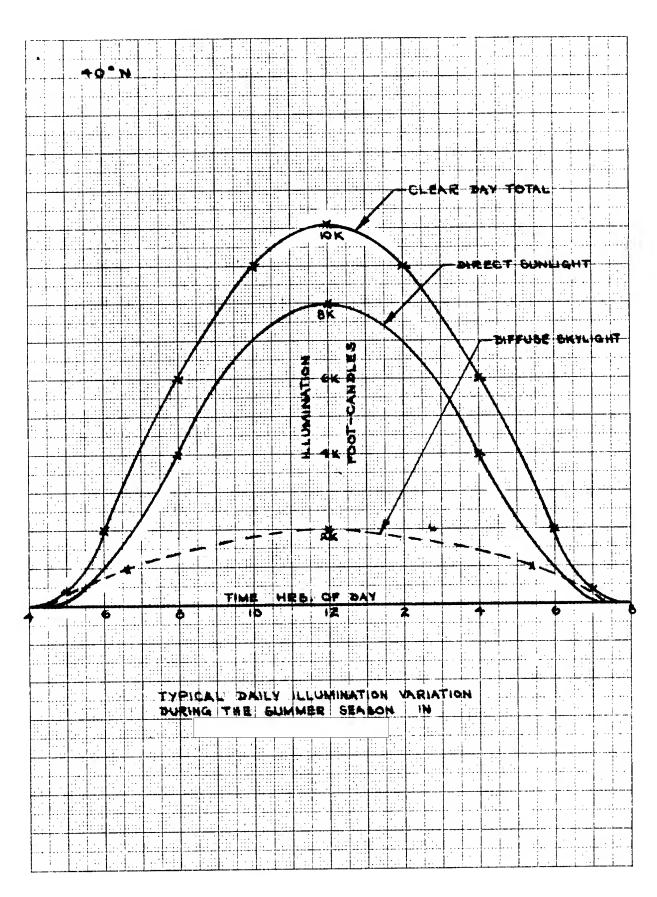
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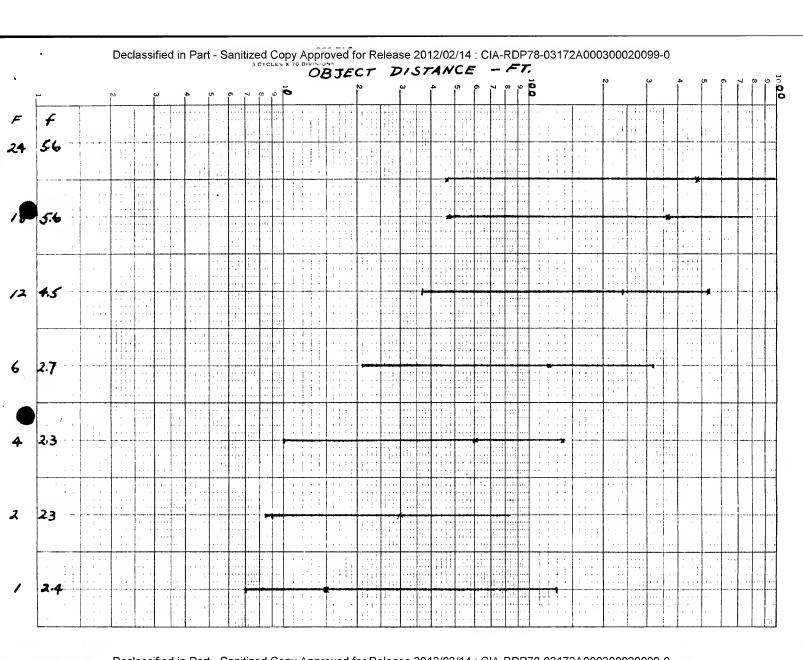
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GENERAL EVALUATION OF EXPOSURE CONTROL SYSTEMS

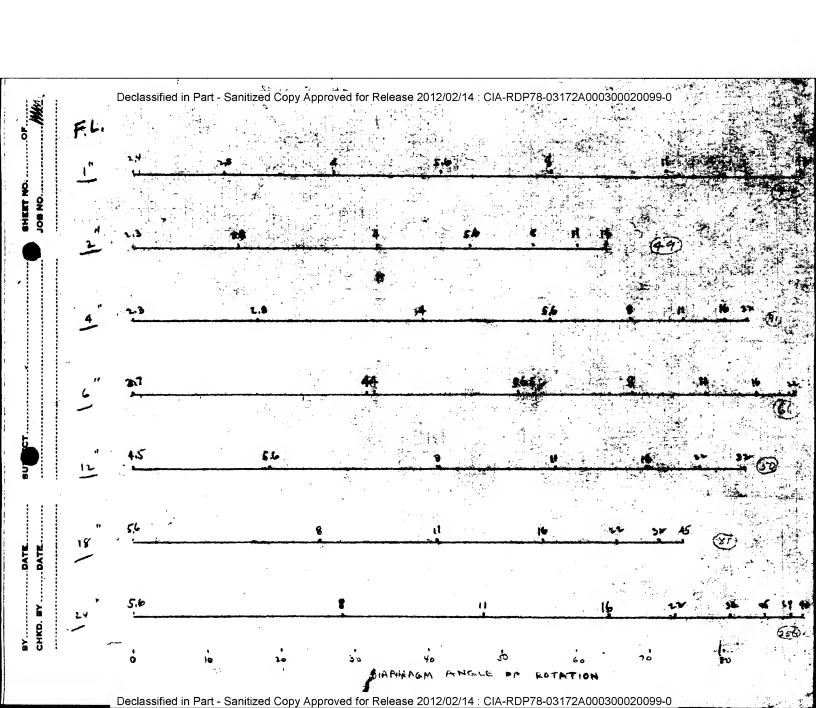
•	IRIS CONT PRO HIGH STATIC RESOLUTION GREATER DEPTH OF FIELD	CON GREATER POWER CONSUMPTION LOW SYSTEM RELIABLITY HIGH MECHANICAL COMPLEXITY LESS DYNAMIC RANGE LOW DYNAMIC RESOLUTION	TIME CONTROL PRO HIGH SYSTEM LESS STATIC RESOLUTION HIGH DYNAMIC RANGE QUICK DELIVERY	COMBINED CONTROL PRO MAX. PRO MAX. OPERATING TIME MAX. CONTRAST MAX. CONTRAST MAX. RESOLUTION PRODUCTION TIME
CONTINUOUS	MAX. CONTRAST MAX. RESOLUTION SIMPLICITY RELIABILITY	MORE POWER REQUIREMENT MORE COMPLEXITY LESS INFORMATION CONTEND	SAME AS IRIS CONTROL	BAME AS IBIS CONTROL
OPEN LOOP	SIMPLICITY MORE RELIABILITY	INACURACY LESS RELIABLE MORE COMPLEXITY	SAME AS IRIS CONTROL	SAME AS IRIS CONTROL
SINGLE LENS	SIMPLICITY PREIAGILITY LOW COST MORE COMPACT MORE WORKING SPACE SPACE APPROXIMATION	WORK WITH SMALL SPACE LEGS RELIABLE MORE MECHANICAL COMPLEXITY	SAME AS IRIS CONTROL	SAME AS IRIS CONTROL.



STAT



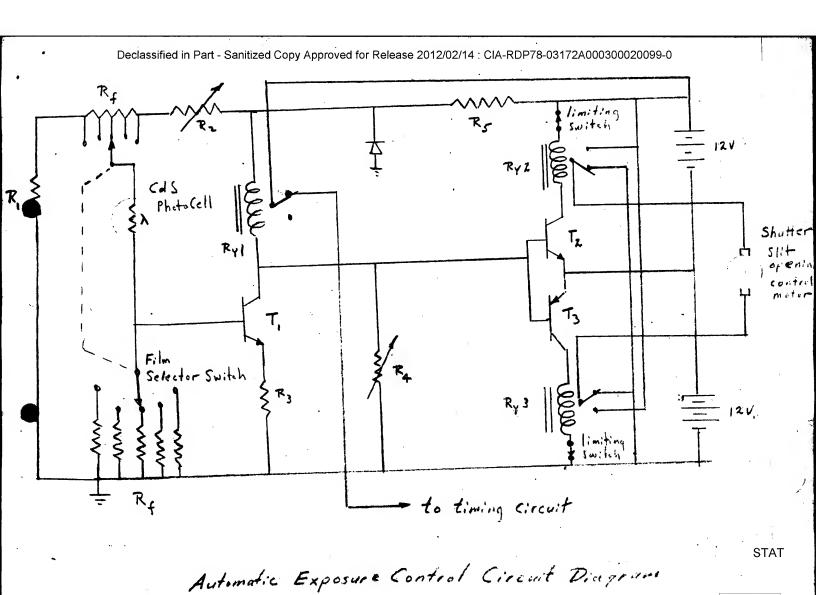
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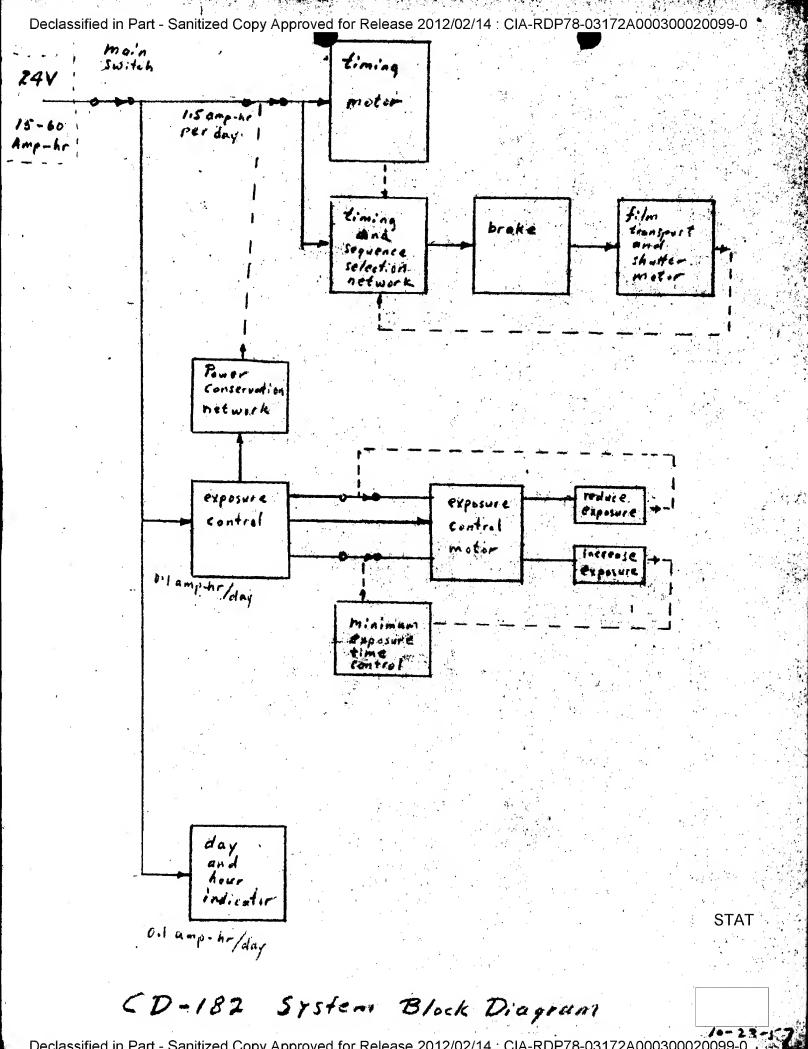
JOB NO.

		Dopth	of K	ield Cal	culation	for Cl	2-182	Lens		
	\mathcal{D}_{N}	= H 5 H + 3 = hyper	of field = $D_N + D_1$ $D_p \pm \frac{H_s}{H-s}$ If scal distance = $\frac{1}{2}$			X .08	x .083			
F		7	c = 0	.602		1.5 F/4		DN	D	
				360	ir.	1. 1 1 i.u.	//3	8	121	
		$f = \mathcal{H}^{-1}$		1 8 17 19	1 (3) (34/2)	102	51.5	21.6	73	
		4 4	Property and	75 T			>6	•	126	
6"	2.7	40.2	564	i kant	434	674	199	99	298	
						1570			496	
18"	sil	344	. 24 • 0	245116	2040	2760	124	3/3	737	
24"	Sic	448	4270	20611	3770	4750	543	434	977	



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Declassified in Part - Sanitized Copy Approved for Release 2012/02/14 : CIA-RDP78-03172A000300020099-0 No 7838 (D-182 Battery Recommendation A. Requirements 1. 100 ma. continuous operation 15 hr. /day 2. 900 ma 1-sec duration 800 time per day 3. 24 V. with center top 4 continuous operation unmanned for 15 days B. Type of cell that may satisfy the needed. HR-15 LR-20 18-40 Days of operation 9.4 12.5 cost (1scots) 4480 \$480 \$640 volume , in / coll 9.25 15.18 12.00 2 wt. , oz/cell 9.7 13.2 22.6 C. Recommendation

For stationary operations capacity is more important than volume and weight. LR-20 is recommended over HR-15 since that the same cost LR-20 provides 30% more capacity. If the capacity of LR-20 is not sufficient to meet the mission requirements LR-40 may be satisfactory.